

ABSTRACT

5 The operating and other procedures of an optical
disk application system of the type for which a network
is used are simplified. Optical disks have auxiliary
data recording areas, where different IDs for individual
disks, and/or cipher keys and/or decoding keys for
ciphers are recorded in advance in a factory. By using
the IDs to release the soft ciphers, using the cipher
keys when sending the ciphers, and using the decoding
10 keys when receiving the ciphers, user authorization
procedures are simplified.